# Release notes for ENDF/B Development std-003_Li_006 evaluation


November 1, 2016

- `checkr` Warnings:

  1. The standards sublibrary uses NSUB=19, but this was never officially adopted by CSEWG for the ENDF format.
     *MAT= 325, MF= 1, MT=451 (0): Stds. NSUB*

```
ERROR(S) FOUND IN MAT= 325, MF= 1, MT=451
   INVALID SUBLIBRARY NUMBER NSUB =    19           RECORD NUMBER       4
```

  2. The standards sublibrary is not meant for transport calculations and is not required to be complete.
     *MAT= 325, MF= 3, MT=451 (0): Incompleteness*

```
ERROR(S) FOUND IN MAT= 325, MF= 3, MT=451
   LRP =  0 Requires the presence of File 2, but it is missing.
```

- `fizcon` Warnings:

  1. The standards sublibrary is not meant for transport calculations and is not required to be complete.
     *MAT= 325, MF= 3, MT=105 (1): Incompleteness*

```
ERROR(S) FOUND IN MAT= 325, MF= 3, MT=105
   THE MINIMUM INCIDENT ENERGY OF  2.53000E-02(EV)
       SHOULD BE  1.00000E-05(EV) FOR Q=  4.78380E+06(EV)
```

- `fudge-4.0` Warnings:

  1. Indicates a test was skipped due to missing information
     *reactionSuite: (Error # 0): Test skipped*

```
WARNING: Skipped test Wick's limit: "Channel 'n + Li6' could not be found!"
```

  2. The standards sublibrary is not meant for transport calculations and is not required to be complete.
     *reaction label 0: H3 + He4_s / Cross section: (Error # 0): Incompleteness*

```
WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 0.0253 eV!
WARNING: Calculated and tabulated Q-values disagree: 4736407.316974163 eV vs 4.7838e6 eV!
```

  3. The standards sublibrary is not meant for transport calculations and is not required to be complete.
     *reaction label 0: H3 + He4_s / Cross section: (Error # 1): Incompleteness*

```
WARNING: Gap in cross section data from 2.8e6 eV to 20. MeV
```